

## SEQUENCE LISTING

<110> LEHR, RUTH V.  
SPITZFADEN, CLAUS  
NICHOLSON, NEVILLE  
JONES, JOANNA

<120> METHODS OF USING RNASE P REACTION  
MECHANISMS OF ACTION

<130> GM50055

<140> TO BE ASSINGED

<141> 2001-11-13

<150> PCT/US00/13946

<151> 2000-05-19

<150> 60/134,802

<151> 1999-05-19

<150> 60/140,044

<151> 1999-06-18

<160> 14

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 354

<212> DNA

<213> Staphylococcus aureus

<400> 1

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gaccattttc gcttaggtat tagtgtttct aaaaaactag gtaatgcagt gttaagaaac 180  
aagattaaaa gagcaatagc tgaaaatttc aaagtacata agtcgcatat attggccaaa 240  
gatattattg taatagcaag acagccagct aaagatatga cgactttaca aatacagaat 300

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354

<210> 2

<211> 117

<212> PRT

<213> Staphylococcus aureus

<400> 2

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			20					25					30		
Tyr	Thr	Cys	Asn	Asn	Lys	Glu	Ile	Asp	His	Phe	Arg	Leu	Gly	Ile	Ser
			35				40					45			
Val	Ser	Lys	Lys	Leu	Gly	Asn	Ala	Val	Leu	Arg	Asn	Lys	Ile	Lys	Arg
	50					55					60				
Ala	Ile	Arg	Glu	Asn	Phe	Lys	Val	His	Lys	Ser	His	Ile	Leu	Ala	Lys
65				70					75					80	
Asp	Ile	Ile	Val	Ile	Ala	Arg	Gln	Pro	Ala	Lys	Asp	Met	Thr	Thr	Leu
				85				90						95	
Gln	Ile	Gln	Asn	Ser	Leu	Glu	His	Val	Leu	Lys	Ile	Ala	Lys	Val	Phe
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Asn	Lys	Lys	Ile	Lys											
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<210> 3

<211> 401

<212> DNA

<213> Staphylococcus aureus

<400> 3

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atgaaatatc	ctaagtcttt	cgatatggat	agagtaattt	gaaagtgcca	cagtgcgta	180
gcttttatag	aaatataaaa	ggtggaacgc	ggtaaaccoc	tcgagtgagc	aatccaaatt	240
tggtaggagc	acttgtttaa	cggaattcaa	cgtataaacg	agacacactt	cgcgaaatga	300
agtgggtgtac	gacagatggg	tatcacctga	gtaccagtgt	gactagtgca	cgtgatgagt	360
acgatggaac	agaacatggc	ttatagaaat	atcactacta	g		401

<210> 4  
<211> 64  
<212> DNA  
<213> Staphylococcus aureus

<220>  
<221> unsure  
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<223> Wherein can be represented by a, c, t, or g

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tcac 64

<210> 5  
<211> 24  
<212> DNA  
<213> Streptococcus aureus

<400> 5  
cgcgaaagtgt gtctcgttta tacg 24

<210> 6  
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<212> DNA  
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<400> 6  
gaggaaagtc catgctc 17

<210> 7  
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<400> 7  
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<212> DNA

<213> *Staphylococcus aureus*

<400> 8

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<211> 213

<212> DNA

<213> *Staphylococcus aureus*

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taataaagaa atagaccatt ttcgcttagg tattagtgtt tctaaaaaac taggtaatgc 180
agtgttaaga acaagattaa aagagcaata cgt                               213
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<210> 10

<211> 215

<212> DNA

<213> *Staphylococcus aureus*

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cagagaatat ataaaaaagg tcattctgta gccaacagac aatttggtgt atacacttgt 120
aataataaag aaatagacca ttttcgctta ggtattagtgt tttctaaaaa actaggtaat 180
gcagtgttaa gaacaagatt aaaagagcaa tacgt                               215
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<211> 170

<212> DNA

<213> *Staphylococcus aureus*

<400> 11

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agctaaagat atgacgactt taaaaatata gaatagtctt gagcacgtac ttaaaattgc 120
caaagttttt aataaaaaga ttaagtaagg atagggtagg gaatgaaaac           170
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<210> 12

<211> 93

<212> RNA

<213> Staphylococcus aureus

<400> 12

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ggucacaggu ucgaaucccg ucguagccac cag 93

<210> 13

<211> 17

<212> DNA

<213> Staphylococcus aureus

<400> 13

tgatatttct ggtaacc 17

<210> 14

<211> 20

<212> RNA

<213> Staphylococcus aureus

<400> 14

guucugauau uuuggguaau 20